

DETERMINATION OF NONSIGNIFICANCE

Description of proposal The US Department of Energy, Richland Operations Office submitted a State Environmental Policy Act (SEPA) Environmental Checklist with its Part B application for a Dangerous Waste Permit for the 400 Area Waste Management Unit (WMU). In the Fast Flux Test Facility (FFTF) Property Protected Area (PPA) in the Hanford Site 400 Area are two non-contiguous areas that will become the 400 Area WMU. Two facilities, the Fuel Storage Facility (FSF) (Building 403), and the Interim Storage Area (ISA) will store radioactive and dangerous (mixed) waste that is awaiting treatment. The FSF will store mixed waste that will sit in portable secondary containment equipment. The ISA will store waste within a fenced area measuring 247 feet (ft) by 513 ft that lacks a cover. As will be the practice in the FSF, in the ISA, portable secondary containment equipment will hold mixed waste containers (e.g., boxes and drums).

The mixed waste that will be stored in the 400 Area WMU will be limited to wastes that the RL contractor generates in the 400 Area. That waste can include elemental sodium (D001, D003, WCS2) and sodium hydroxide (D002), as well as debris (e.g., piping, equipment, and components) contaminated with elemental sodium and sodium hydroxide. RL's contractor generates such waste during ongoing shutdown activities. The USDOE is also considering returning other wastes generated during Fast Flux Test Facility operations now in storage at other Hanford locations to the 400 Area WMU for consolidation with wastes. All waste will be stored in containers (e.g., drums and boxes) until treatment capabilities are available.

Proponent US Department of Energy, Richland Operations Office

Location of proposal, including street address, if any U.S. Department of Energy, Richland Operations Office, P.O. Box 550, Richland, Washington 99352

Lead agency Ecology Nuclear Waste Program

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

☒ There is no comment period for this DNS.

Responsible official Jane A. Hedges

Position/title Manager, Nuclear Waste Program **Phone** (509) 372-7905

Address 3100 Port of Benton Boulevard, Richland, WA 99354

Date Aug 22, 2007 **Signature**  Jane Hedges

☒ There is no agency appeal.